ENGINEERING CHANGE NOTICE DART AEROSPACE LTD

Date: 10.12.17 Job No.:	ENG110	DEC	ADR Yes/No: Y	ADR Date		10.12.17	ECN#	10- 671
Product No.: D350-578				Approved General M	Ву:	#	2014 #.	10- 071
Product Name: Bearpaw Installations			Checked By:	General M	lanager /	Approval:	MA	
							44/2	
Distribution Reqd Resp Initi	al / Date		Distribution	F	Reqd	Resp	Initial	/ Date
Production Manager / Coord. Y LL MWF 1/	112/6	9/	DQA / QA Coord.		N			
Production Document Control N	11.00	-	QC Coordinator		N		1	
	11ala	<u> </u>	Customer Technical Sup	port	Y	/IB/DS	\$ 10.12.	.21
	12.21		Marketing		Y	SW	gro 10	
Troduction Engineering Courts.	10.0.		Customer Order Process	sina	N			
· L							· ·	
Reason for Change: Customer Request							**	
	-		· · · · · · · · · · · · · · · · · · ·	*				
Documents Affected:			***				•	
- DSI 9539 Rev. A								
- D4297 Rev. A								
- DR-D350-578 Rev. K								
- MDL-D350-578 Rev. B								
PARTS MUST COMPLY			PREVIOUS PARTS S	ATISEAC	TORY			
PARTS WIUST COWIPLE		х	I INEVIOUS PAINTS S	A HOLAC		L		
# Quality Assurance Actions	Regd	Resp	<u> </u>	Votes			Co	mplete
	· ·	1100						
1 Notify Previous Customers	N							
2 Notify Eurocopter France	N ;							
3								
			<u> </u>					
# Engineering Actions	Reqd	Resp	<u> </u>	Votes			Co	mplete
4 Required Documents/Drawings Under Review	N		-					
5 Update Master Document List (MDL)	Y	RF	MDL-D350-578 Rev. B				124 15	.12.20
<u> </u>	N	- 100	MBE Book the Nevi B				- F	1,2.00
								-
7 Create Eurocopter Form (FEE)	N						 	
8 Notify TC / FAA of Change	N							
9	l :							
	•							
		Bass	I	lotoo			l Co	molete
# Document Control Actions	Reqd	Resp	ı	lotes				mplete
# Document Control Actions 10 Move Electronic Files	Υ	KJ	N	lotes			10.12	21-12-1
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files	Y Y	KJ KJ	P	Notes			0.12	2101
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files	Υ	KJ KJ	P	Notes			0.12	2100
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR)	Y Y	KJ KJ	DR-D350-578 Rev. J	Votes			0.12	2101
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files	Ÿ	KJ KJ		Notes			0.12	2100
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary	Y Y Y	KJ KJ		Notes			0.12	2100
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List	Y Y Y N	KJ KJ		Notes			0.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database	Y Y Y N N Y	KJ KJ RF	DR-D350-578 Rev. J D350-578-013 Kit	Notes			0.12 0.12 0.12 0.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database	Y Y Y N N Y Y	KJ KJ RF	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database	Y Y Y X X Y Y Y Y	KJ KJ RF KJ KJ	DR-D350-578 Rev. J D350-578-013 Kit				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's	Y Y Y Y Y Y	KJ KJ RF KJ KJ KJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's 20 Update Document Control Database / Laminated Dwgs	Y Y Y Y Y Y Z Z	RF RF RJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's 20 Update Document Control Database / Laminated Dwgs 21 Update Grey Project / Electronic Binder PDF Files	Y Y N N Y Y N N N N N N N N N N N N N N	KJ KJ RF KJ KJ KJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's 20 Update Document Control Database / Laminated Dwgs 21 Update Grey Project / Electronic Binder PDF Files 22 Update D-Part/M-Drawing/DSI/DEO Master Binders	Y Y Y Y Y Y Z Z	RF RF RJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's 20 Update Document Control Database / Laminated Dwgs 21 Update Grey Project / Electronic Binder PDF Files 22 Update D-Part/M-Drawing/DSI/DEO Master Binders 23	Y Y N N Y Y N N N N N N N N N N N N N N	KJ KJ RF KJ KJ KJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's 20 Update Document Control Database / Laminated Dwgs 21 Update Grey Project / Electronic Binder PDF Files 22 Update D-Part/M-Drawing/DSI/DEO Master Binders	Y Y N N Y Y N N N N N N N N N N N N N N	KJ KJ RF KJ KJ KJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's 20 Update Document Control Database / Laminated Dwgs 21 Update Grey Project / Electronic Binder PDF Files 22 Update D-Part/M-Drawing/DSI/DEO Master Binders 23 24	Y Y N N Y Y N N N N N N N N N N N N N N	KJ KJ RF KJ KJ KJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's 20 Update Document Control Database / Laminated Dwgs 21 Update Grey Project / Electronic Binder PDF Files 22 Update D-Part/M-Drawing/DSI/DEO Master Binders 23 24 Description / Action:	Y Y N N Y Y N N N N N N N N N N N N N N	KJ KJ RF KJ KJ KJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's 20 Update Document Control Database / Laminated Dwgs 21 Update Grey Project / Electronic Binder PDF Files 22 Update D-Part/M-Drawing/DSI/DEO Master Binders 23 24	Y Y N N Y Y N N N N N N N N N N N N N N	KJ KJ RF KJ KJ KJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's 20 Update Document Control Database / Laminated Dwgs 21 Update Grey Project / Electronic Binder PDF Files 22 Update D-Part/M-Drawing/DSI/DEO Master Binders 23 24 Description / Action:	Y Y N N Y Y N N N N N N N N N N N N N N	KJ KJ RF KJ KJ KJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's 20 Update Document Control Database / Laminated Dwgs 21 Update Grey Project / Electronic Binder PDF Files 22 Update D-Part/M-Drawing/DSI/DEO Master Binders 23 24 Description / Action: Add D350-578-013 to Product Specs, -013 at CHG 001	Y Y N N Y Y N N N N N N N N N N N N N N	KJ KJ RF KJ KJ KJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's 20 Update Document Control Database / Laminated Dwgs 21 Update Grey Project / Electronic Binder PDF Files 22 Update D-Part/M-Drawing/DSI/DEO Master Binders 23 24 Description / Action: Add D350-578-013 to Product Specs, -013 at CHG 001 Create routing for D350-578-013 and D4297-1	Y Y N N Y Y N N N N N N N N N N N N N N	KJ KJ RF KJ KJ KJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's 20 Update Document Control Database / Laminated Dwgs 21 Update Grey Project / Electronic Binder PDF Files 22 Update D-Part/M-Drawing/DSI/DEO Master Binders 23 24 Description / Action: Add D350-578-013 to Product Specs, -013 at CHG 001 Create routing for D350-578-013 and D4297-1	Y Y N N Y Y N N N N N N N N N N N N N N	KJ KJ RF KJ KJ KJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's 20 Update Document Control Database / Laminated Dwgs 21 Update Grey Project / Electronic Binder PDF Files 22 Update D-Part/M-Drawing/DSI/DEO Master Binders 23 24 Description / Action: Add D350-578-013 to Product Specs, -013 at CHG 001 Create routing for D350-578-013 and D4297-1	Y Y N N Y Y N N N N N N N N N N N N N N	KJ KJ RF KJ KJ KJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's 20 Update Document Control Database / Laminated Dwgs 21 Update Grey Project / Electronic Binder PDF Files 22 Update D-Part/M-Drawing/DSI/DEO Master Binders 23 24 Description / Action: Add D350-578-013 to Product Specs, -013 at CHG 001 Create routing for D350-578-013 and D4297-1	Y Y N N Y Y N N N N N N N N N N N N N N	KJ KJ RF KJ KJ KJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's 20 Update Document Control Database / Laminated Dwgs 21 Update Grey Project / Electronic Binder PDF Files 22 Update D-Part/M-Drawing/DSI/DEO Master Binders 23 24 Description / Action: Add D350-578-013 to Product Specs, -013 at CHG 001 Create routing for D350-578-013 and D4297-1	Y Y N N Y Y N N N N N N N N N N N N N N	KJ KJ RF KJ KJ KJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's 20 Update Document Control Database / Laminated Dwgs 21 Update Grey Project / Electronic Binder PDF Files 22 Update D-Part/M-Drawing/DSI/DEO Master Binders 23 24 Description / Action: Add D350-578-013 to Product Specs, -013 at CHG 001 Create routing for D350-578-013 and D4297-1	Y Y N N Y Y N N N N N N N N N N N N N N	KJ KJ RF KJ KJ KJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's 20 Update Document Control Database / Laminated Dwgs 21 Update Grey Project / Electronic Binder PDF Files 22 Update D-Part/M-Drawing/DSI/DEO Master Binders 23 24 Description / Action: Add D350-578-013 to Product Specs, -013 at CHG 001 Create routing for D350-578-013 and D4297-1	Y Y N N Y Y N N N N N N N N N N N N N N	KJ KJ RF KJ KJ KJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's 20 Update Document Control Database / Laminated Dwgs 21 Update Grey Project / Electronic Binder PDF Files 22 Update D-Part/M-Drawing/DSI/DEO Master Binders 23 24 Description / Action: Add D350-578-013 to Product Specs, -013 at CHG 001 Create routing for D350-578-013 and D4297-1	Y Y N N Y Y N N N N N N N N N N N N N N	KJ KJ RF KJ KJ KJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90
# Document Control Actions 10 Move Electronic Files 11 Update Blue/Pink/DSI Folder and Electronic Files 12 Update Controlled PDF Files 13 Update Document Record (DR) 14 Update Product Development Summary 15 Update QSI 021 and/or STC Approval List 16 Update Parts / STC Database 17 Update / Verify ARC Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update PPP's 20 Update Document Control Database / Laminated Dwgs 21 Update Grey Project / Electronic Binder PDF Files 22 Update D-Part/M-Drawing/DSI/DEO Master Binders 23 24 Description / Action: Add D350-578-013 to Product Specs, -013 at CHG 001 Create routing for D350-578-013 and D4297-1	Y Y N N Y Y N N N N N N N N N N N N N N	KJ KJ RF KJ KJ KJ	DR-D350-578 Rev. J D350-578-013 Kit 井17				10.12 10.12 10.12 10.12	21 90

ECN Verified & Complete:

WP

Date: 11/7/2/2

Kim Johnston

From:

David Shepherd [dshepherd@dartaero.com]

Sent:

Tuesday, December 21, 2010 12:05 PM

To: Cc: 'Kim Johnston'
'Chris Provencal'

Subject:

RE: ECN10-671 & 673

Chris,

Please stamp and release the dwgs listed below.

Kim,

Give the part to JL.

David

----Original Message-----

From: Kim Johnston [mailto:kjohnston@dartaero.com]

Sent: Tuesday, December 21, 2010 11:47 AM

To: David Shepherd Cc: Chris Provencal

Subject: ECN10-671 & 673

Importance: High

David,

I need you to give Chris permission to release D4310 and MPTFES drawings per ECN10-673. Also, who gets the part that was included in the package?

He also needs permission to release D4297 and DSI 9539 per ECN10-671

Kim Johnston
Dart Aerospace Ltd.
Engineering Clerk
Document Control
1270 Aberdeen Street
Hawkesbury, Ontario, K6A 1K7
Email: kjohnston@dartaero.com

Tel: 613-632-5200 Fax: 613-632-9311